

ERROR COMPENSATION METHOD AND APPARATUS FOR OPTICAL DISK DRIVE

Abstract

An error compensation method and apparatus for an optical disk drive is disclosed, in which the error compensation method comprises the following procedures. First, an error signal showing the deviation of a focal point of the optical disk drive from a track is detected, and an error signal between the sledge and the actuator may also be detected, so as to produce the first sledge driving signal. Secondly, the error signal of the focal point deviating from the track, the error signal between the sledge and the actuator, the first sledge driving signal or their combination is/are selected as the basis for the sledge compensation, and the second sledge driving signal is generated according to the magnitude(s) of the selected signal(s). Subsequently, the second sledge driving signal is intermittently used for driving the sledge for error compensation.